Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 08 Jan 2023 until 23:59 on Monday 09 Jan 2023

Forecast Issued on Saturday 07 Jan 2023 at 13:43

Confidence: High for the main unsettled and often windy theme, probably peaking midweek. Phasing of milder wetter periods Tuesday and Thursday lower confidence. Shower detail low confidence throughout.

Headline for Sunday 08 Jan 2023: Windy, with gales in exposure. Blustery wintry showers occasionally merging to longer periods of rain, sleet and snow. Some brighter interludes possible.

Mountain weather hazards on Sunday 08 Jan 2023

Blizzards Medium Likelihood	**Heavy persistent snow** Low Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sleet showers (night)	Sleet showers (night)	Cloudy	Sleet showers	Heavy snow showers	Sleet showers (night)	Light rain showers (night)
Precipitation probability							
30%	30%	30%	30%	50%	50%	30%	30%

Forecast for Sunday 08 Jan 2023

Weather: Windy overnight, with blustery heavy showers of rain becoming more liable to turn to snow over the highest ground, giving a corresponding risk of icy routes here despite higher valley temperatures. This windy, showery theme should then continue into daylight hours, with some sunny intervals most likely early and late, probably with a main intervening period of rain and snow, with some heavy with a corresponding risk of hail and thunder locally. Visibility will drop sharply on passage of showers, with windchill also an ever-present hazard. Becoming less windy during the evening, with a few further showers.

Chance of cloud-free hill tops above 600m: Perhaps 60% early and late in the east, else nearer 30%.

Low Cloud and visibility: Visibility generally very good, but sharp visibility drops expected, especially at modest elevations through middle of day in more prolonged rain and snow. Cloud well-broken over highest ground early on but becoming extensive around 600 metres through middle of day before gradual improvement.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.

Met Office Mountain Weather Forecast

Forecast for Sunday 08 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	28/41 SW	24/35 SW	21/31 S	23/33 S	21/32 S	18/27 SW	17/26 SW	16/24 SW	14/22 SW
300	18/38 SW	15/31 SW	13/28 S	14/30 S	15/28 S	13/26 SW	10/23 SW	10/22 SW	8/18 SW
Valley	16/34 SW	14/31 SW	11/26 S	14/31 S	13/27 S	12/23 SW	9/22 S	9/20 S	9/19 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-4	3/-4	2/-4	2/-5	2/-5	1/-5	1/-5	0/-5	0/-5
300	5/0	5/0	4/0	4/-1	4/-1	4/-1	3/-1	3/-1	2/-1
Valley	6/2	6/3	6/2	5/1	5/1	4/1	4/1	4/0	4/1
Freezing Level*	1100m	1000m	900m	900m	800m	700m	700m	800m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note the falling freezing level and strong winds, with windchill a significant hazard. Early brighter conditions are not thought to be characteristic for the day as a whole.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 07 Jan 2023	12.2mm	20.2mm	27.6mm

Forecast for Monday 09 Jan 2023

Weather: A continuation of Sunday's theme, with further sunny spells and blustery showers, these again of snow over higher elevations and with an attendant risk of hail and thunder in the heaviest. These may merge to give longer wetter periods, as on Sunday, but perhaps ease later and into the evening, ahead of a drier, colder night.

Maximum wind: Increasing westerly 50mph for a time.

Chance of cloud-free hill tops above 600m: 60%

Low Cloud and visibility: Pervailing visibility generally very good, but with similar sharp drops likely, as Sunday. Mainly near highest summits, broken cloud down to 700 metres in heavier rain and summit snow.

Temperature: **Valleys:** Zero becoming plus five Celsius.
At 600m: Plus one Celsius.
Freezing level: Around the highest summits.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.